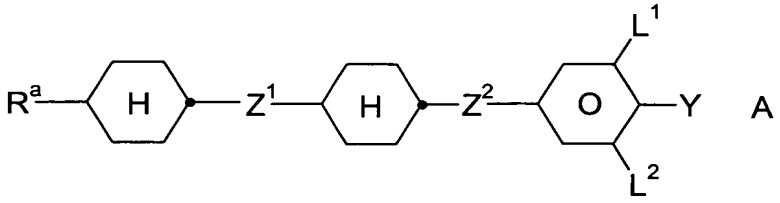
The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

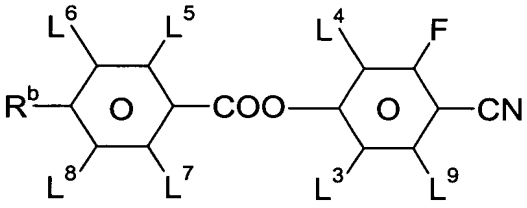
1. (Currently Amended) A liquid-crystalline medium comprising one or more compounds of formula A



A

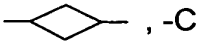
and

at least one compound of formula B



B

in which

R^a and R^b are each, independently of one another, H or an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-,  , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

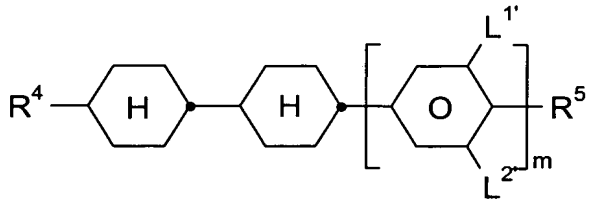
Z^1 and Z^2 are each, independently of one another, $-(CH_2)_4-$, $-CF_2O-$, -COO-, $-OCF_2-$, $-OCH_2-$, $-CH_2O-$, $-CH_2-$, $-(CH_2)_3-$ or a single bond, wherein at least one of Z^1 and Z^2 is $-OCF_2-$ or $-CF_2O-$,

L^1 to L^9 are each, independently of one another, H or F, and

Y is F, Cl, SF_5, NCS, OCN, CN, SCN, or a monohalogenated or polyhalogenated alkyl, alkoxy, alkenyl or alkenyloxy radical, each having up to 5 carbon atoms;

provided that the medium comprises:

at least one compound of formula IV



IV

in which

m is 1,

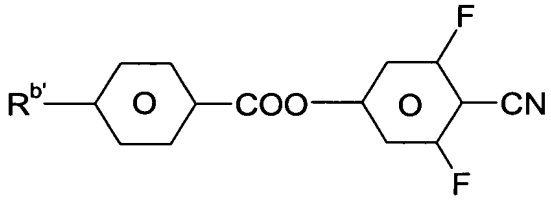
R^4 is an alkenyl group having 2 to 7 carbon atoms,

R^5 is as defined for R^a, or, when m is 1, is alternatively F, Cl, CF_3 or OCF_3,

$L^{1'}$ is F and

$L^{2'}$ is H or F,

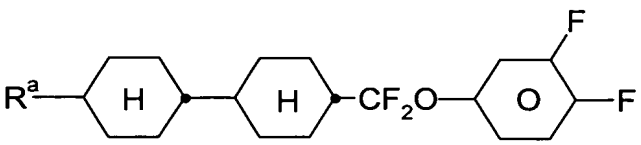
or that at least one compound of formula B is of the following formula B-2;



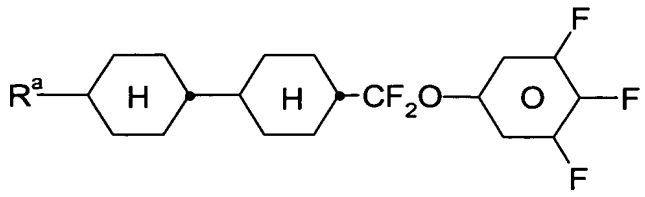
B-2

in which $R^{b'}$ is a C_{2-12} alkenyl radical.

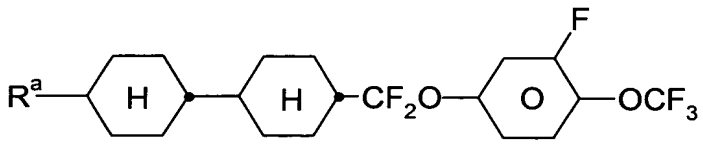
2. (Original) A liquid-crystalline medium according to Claim 1, comprising a compound of formulae A-1 to A-12



A-1



A-2



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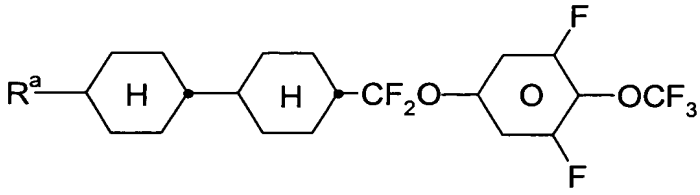
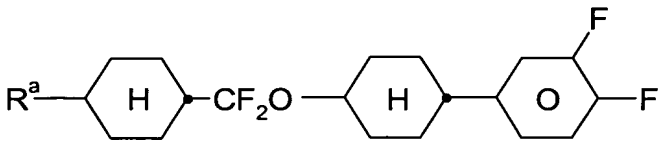
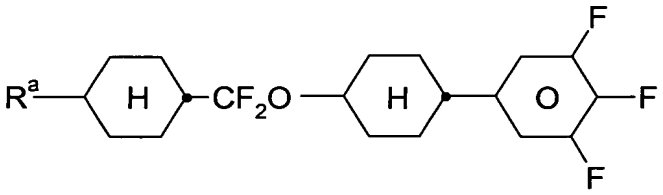


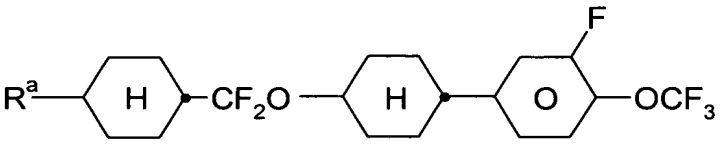
A-4



A-5



A-6



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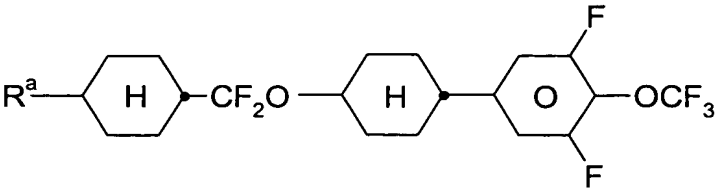
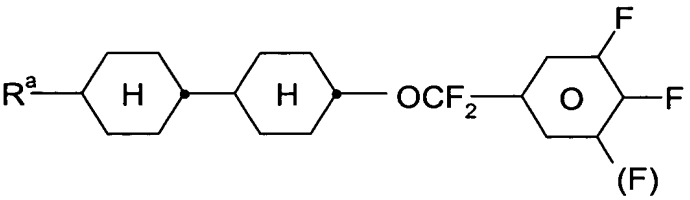
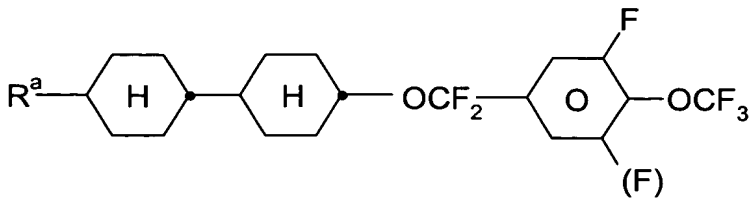


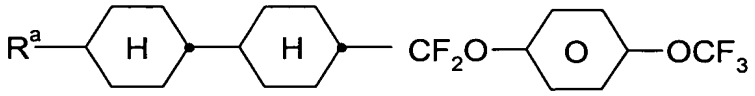
A-8



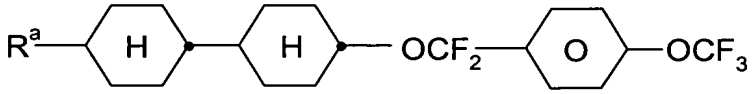
A-9



A-10



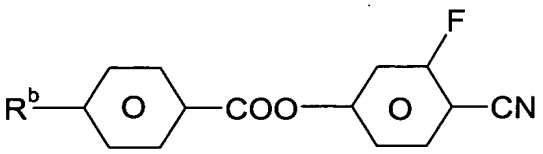
A-11



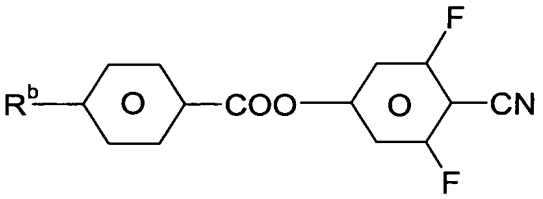
A-12

in which R^a is as defined in Claim 1.

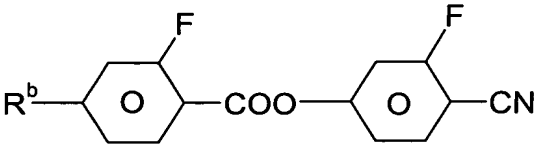
3. (Original) A liquid-crystalline medium according to Claim 1, comprising a compound of formulae B-1 to B-6



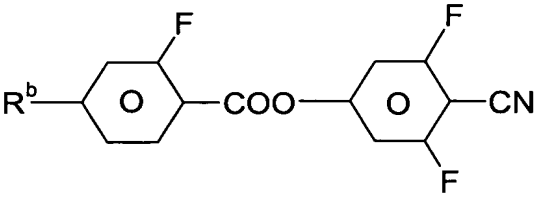
B-1



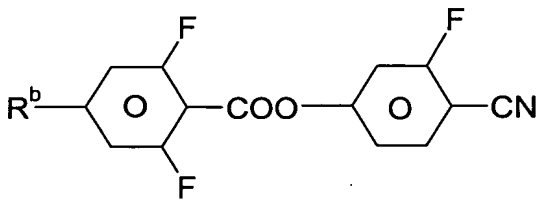
B-2



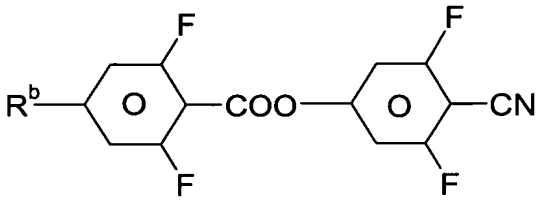
B-3



B-4



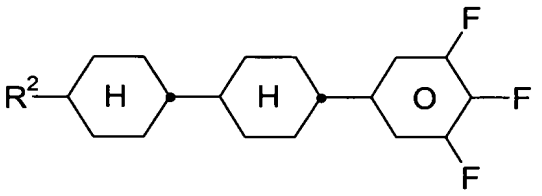
B-5



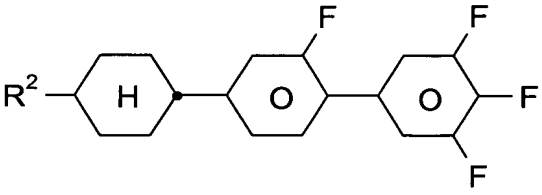
B-6

in which R^b is as defined in Claim 1.

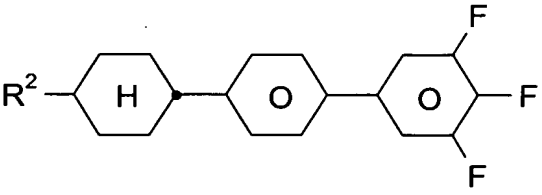
4. (Original) A liquid-crystalline medium according to Claim 1, further comprising a compound of formulae IIa to IIj



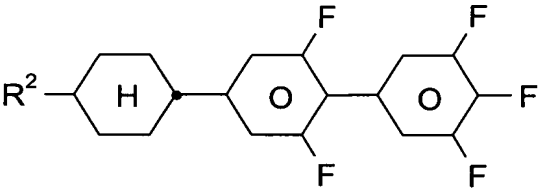
IIa



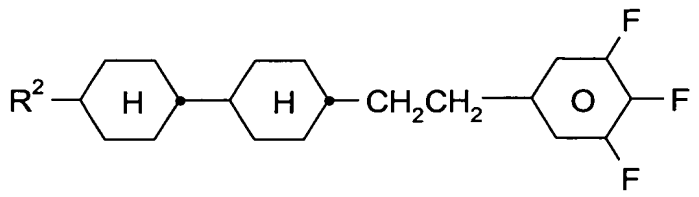
IIb



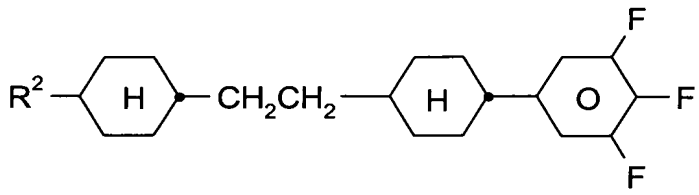
IIc



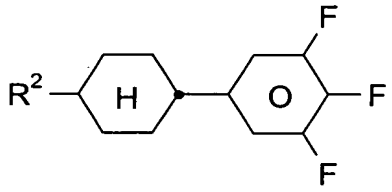
IId



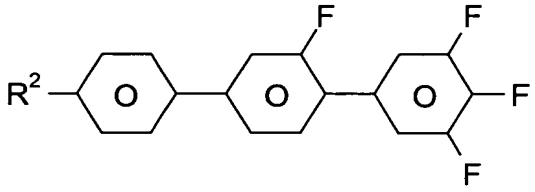
IIe



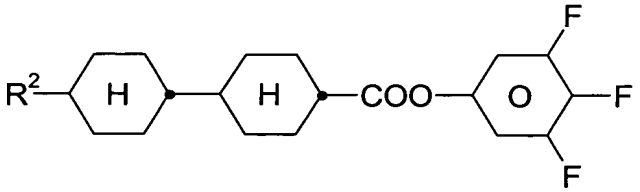
IIf



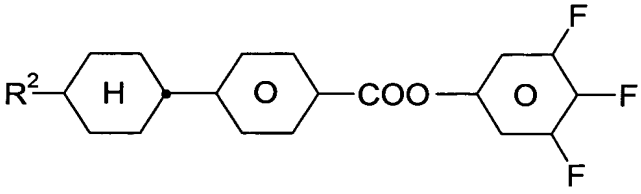
IIg



IIh



IIi



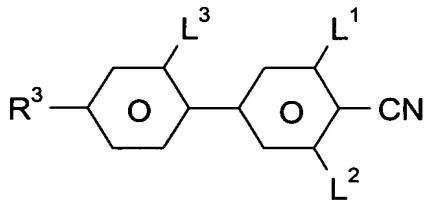
IIj

in which

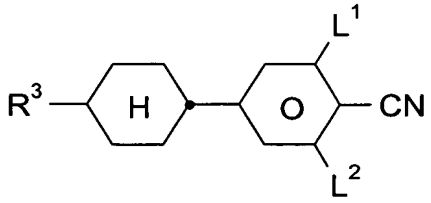
R^2 is an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-,  , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another.

5. (Original) A liquid-crystalline medium according to Claim 1, further

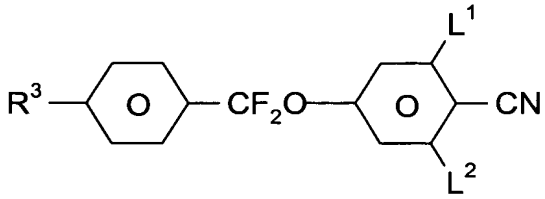
comprising a cyano compound of formulae IIIa to IIIi



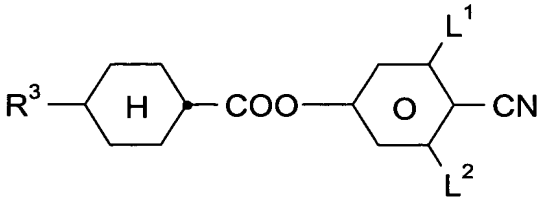
IIIa



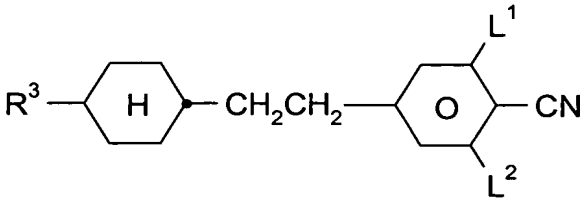
IIIb



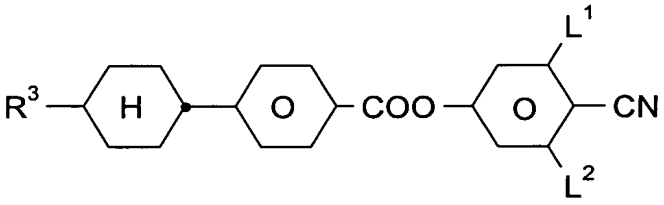
IIIc



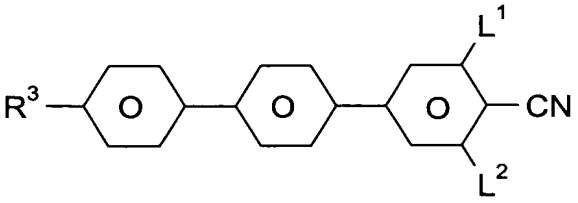
IIId



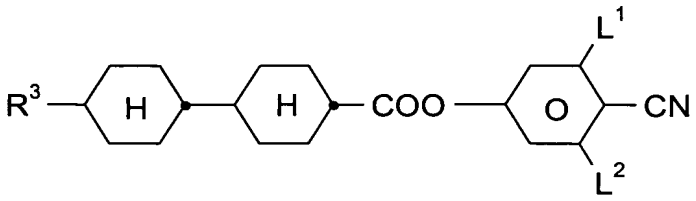
IIIe



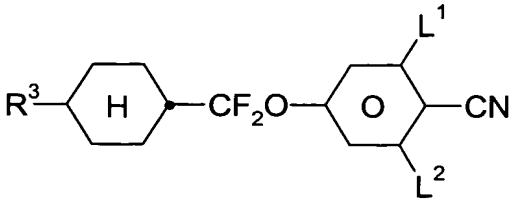
IIIf



IIIg



IIIh



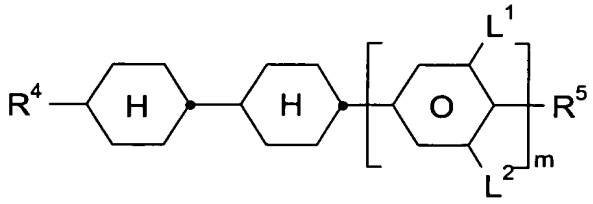
IIIi

in which

R^3 is an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, are replaced by -O-, -S-, , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another, and

L^1, L^2 and L^3 are each, independently of one another, H or F.

6. (Currently Amended) A liquid-crystalline medium according to Claim 1, further comprising a compound of formula <u>IV'</u> ~~IV~~



<u>IV'</u> ~~IV~~

in which

m is 0 or 1,

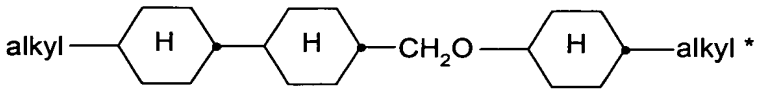
R^4 is an alkenyl group having 2 to 7 carbon atoms,

R^5 is defined as R^a in claim 1, or, when m is 1, is alternatively F, Cl, CF_3 or OCF_3, and

L^1 and L^2 are each, independently of one another, H or F,

<u>wherein the compound of formula IV is not identical to the compound of formula IV'</u>.

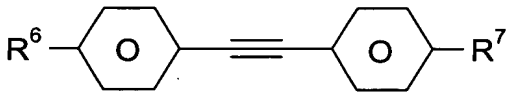
7. (Original) A liquid-crystalline medium according to Claim 1, further comprising a compound of formula VII



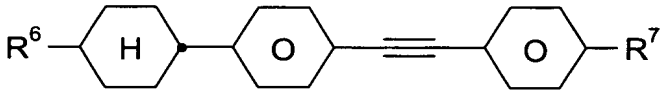
VII

in which alkyl and alkyl* are each, independently of one another, an alkyl group having 1 to 7 carbon atoms.

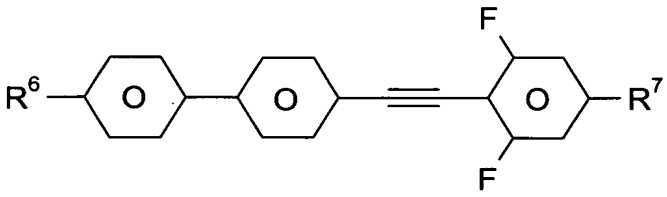
8. (Original) A liquid-crystalline medium according to Claim 1, further comprising a tolan compound of formula T2a, T2b or T2c



T2a

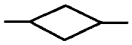


T2b



T2c

in which

R^6 and R^7 are each, independently of one another, an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-,  , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another.

9. (Original) A liquid-crystalline medium according to Claim 1, wherein the medium comprises 5-30% by weight of one or more compounds of formula A.

10. (Original) A liquid-crystalline medium according to Claim 1, wherein the medium comprises 5-30% by weight of one or more compounds of formula B.

11. (Original) A liquid-crystalline medium according to Claim 1, wherein the medium comprises more than 20% of compounds having a dielectric anisotropy of $\Delta\varepsilon \geq +12$.

12. (Original) An electro-optical device comprising a liquid-crystalline medium according to Claim 1.

13. (Original) An electro-optical liquid-crystal display containing a liquid-crystalline medium according to Claim 1.

14. (Original) A TN or STN liquid-crystal display comprising

- two outer plates, which, together with a frame, form a cell,
- a nematic liquid-crystal mixture of positive dielectric anisotropy located in the cell,
- electrode layers with alignment layers on the insides of the outer plates,
- a tilt angle between the longitudinal axis of the molecules at the surface of the outer plates and the outer plates of from 0 degree to 30 degrees, and
- a twist angle of the liquid-crystal mixture in the cell from alignment layer to alignment layer with a value of between 22.5° and 600°, and
- a nematic liquid-crystal mixture comprising

a) 15 – 75% by weight of a liquid-crystalline component A consisting of one or more compounds having a dielectric anisotropy of greater than +1.5;

b) 25 – 85% by weight of a liquid-crystalline component B consisting of one or more compounds having a dielectric anisotropy of between -1.5 and +1.5;

c) 0 – 20% by weight of a liquid-crystalline component D consisting of one or more compounds having a dielectric anisotropy of below -1.5, and

d) optionally, an optically active component C in such an amount that the ratio between the layer thickness and the natural pitch of the chiral nematic liquid-crystal mixture is

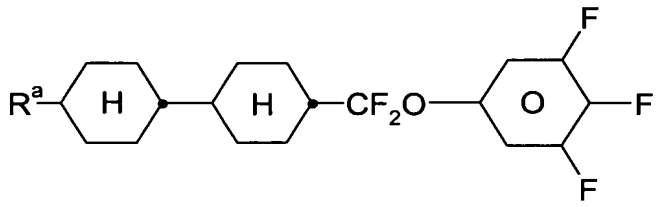
from about 0.2 to 1.3,

wherein component A is a liquid-crystalline medium according to claim 1.

15. (Currently Amended) A liquid-crystalline medium ~~method~~ according to claim 2, comprising a compound of formula A-2 or A-6.

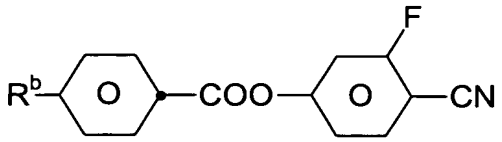
16. (Currently Amended) A liquid-crystalline medium ~~method~~ according to claim 3, comprising a compound of formula B-1, ~~B-2~~ B-2' or B-4.

17. (Currently Amended) A liquid-crystalline medium ~~method~~ according to claim 1, comprising a compound of formula A-2



A-2

and a compound of formula B-1



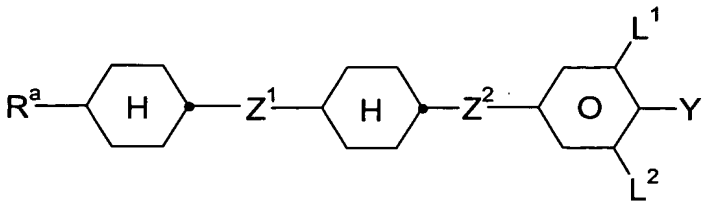
B-1

wherein in R^a and R^b are as defined in claim 1.

18. (Currently Amended) A liquid-crystalline medium ~~method~~ according to claim 1, wherein the medium contains three homologous ~~homologens~~ compounds of formula A.

19. (New) A liquid-crystalline medium according to Claim 1, wherein $R^{b'}$ is a C_{2-7} alkenyl radical.

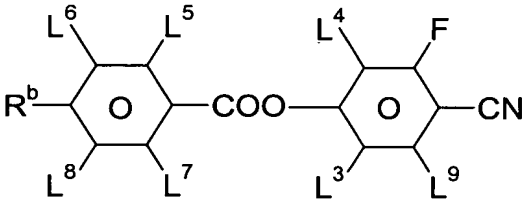
20. (New) A liquid-crystalline medium comprising one or more compounds of formula A



A

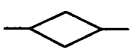
and

at least one compound of formula B



B

in which

R^a and R^b are each, independently of one another, H or an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-,  , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

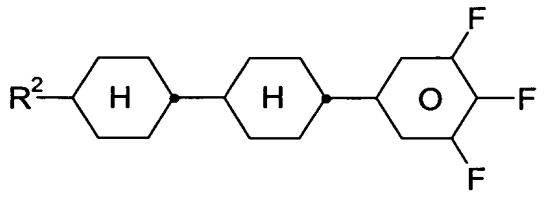
Z^1 and Z^2 are each, independently of one another, $-(CH_2)_4-$, $-CF_2O-$, -COO-, $-OCF_2-$, $-OCH_2-$, $-CH_2O-$, $-CH_2-$, $-(CH_2)_3-$ or a single bond, wherein at least one of Z^1 and Z^2 is $-OCF_2-$ or $-CF_2O-$,

L^1 to L^9 are each, independently of one another, H or F, and

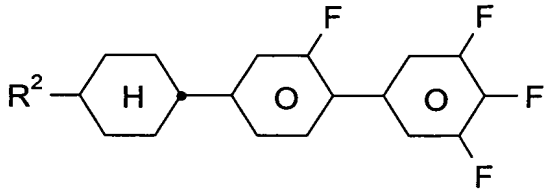
Y is F, Cl, SF_5, NCS, OCN, CN, SCN, or a monohalogenated or polyhalogenated alkyl, alkoxy, alkenyl or alkenyloxy radical, each having up to 5 carbon atoms,

and

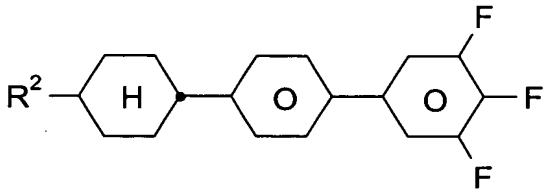
a compound of formulae IIa to IIj



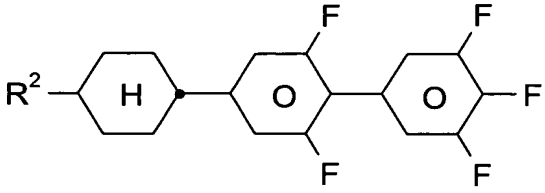
IIa



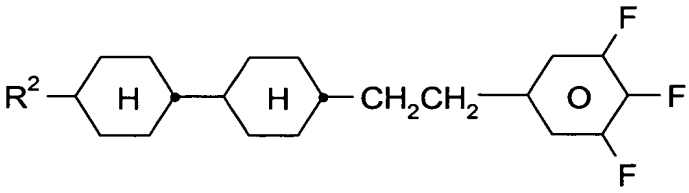
IIb



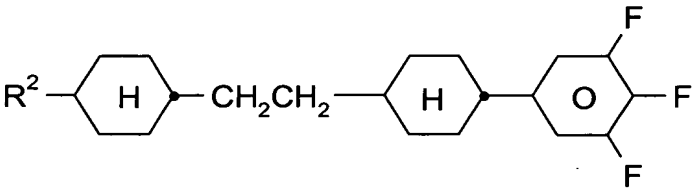
IIc



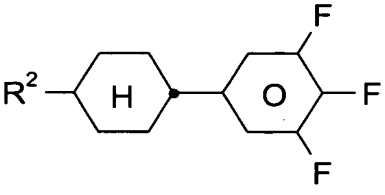
IId



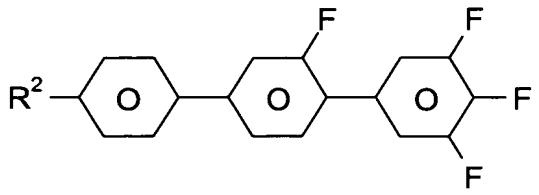
IIe



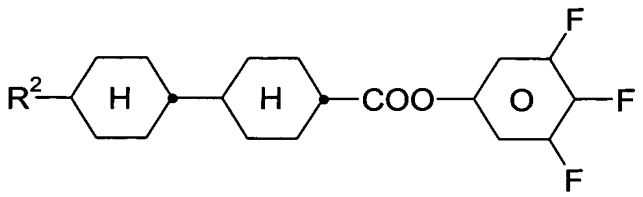
IIf



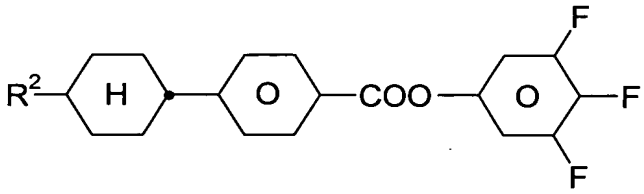
IIg



IIh



IIi

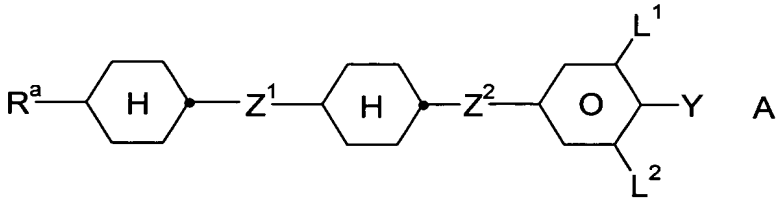


IIj

in which

R^2 is an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-, , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another.

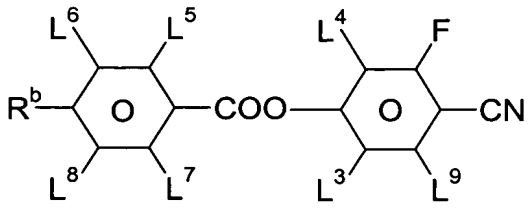
21. (New) A liquid-crystalline medium comprising one or more compounds of formula A



A

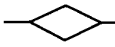
and

at least one compound of formula B



B

in which

R^a and R^b are each, independently of one another, H or an alkyl radical having 1 to 12 carbon atoms which is unsubstituted or monosubstituted by CN or CF_3, or at least monosubstituted by halogen, in which one or more CH_2 groups are optionally, independently of one another, replaced by -O-, -S-,  , -CH=CH-, -C≡C-, -CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O atoms are not linked directly to one another,

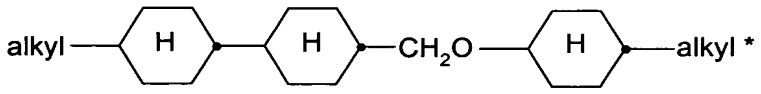
Z^1 and Z^2 are each, independently of one another, $-(CH_2)_4-$, $-CF_2O-$, -COO-, $-OCF_2-$, $-OCH_2-$, $-CH_2O-$, $-CH_2-$, $-(CH_2)_3-$ or a single bond, wherein at least one of Z^1 and Z^2 is $-OCF_2-$ or $-CF_2O-$,

L^1 to L^9 are each, independently of one another, H or F, and

Y is F, Cl, SF_5, NCS, OCN, CN, SCN, or a monohalogenated or polyhalogenated alkyl, alkoxy, alkenyl or alkenyloxy radical, each having up to 5 carbon atoms,

and

a compound of formula VII



VII

in which alkyl and alkyl* are each, independently of one another, an alkyl group having 1 to 7 carbon atoms.